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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,597

DATE: 04/09/2003 P.6
TIME: 09:35:21

Input Set : A:\00537-169002.TXT
Output Set: N:\CRF4\04092003\I674597.raw

4 <110> APPLICANT: Chorev, Michael
5 Dong, Zheng Xin
6 Rosenblatt, Michael
8 <120> TITLE OF INVENTION: PTH2 RECEPTOR SELECTIVE COMPOUNDS
10 <130> FILE REFERENCE: 00537-169002
12 <140> CURRENT APPLICATION NUMBER: US 09/674,597
13 <141> CURRENT FILING DATE: 2000-11-02
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/09521
16 <151> PRIOR FILING DATE: 1999-05-03
18 <150> PRIOR APPLICATION NUMBER: US 09/072,956
19 <151> PRIOR FILING DATE: 1998-05-05
21 <160> NUMBER OF SEQ ID NOS: 53
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 34
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
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32 1 5 10 15
33 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
34 20 25 30
35 Asn Phe
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 34
40 <212> TYPE: PRT
41 <213> ORGANISM: Homo sapiens
43 <400> SEQUENCE: 2
44 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
45 1 5 10 15
46 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
47 20 25 30
48 Thr Ala
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 34
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: mutagen
W--> 59 <221> NAME/KEY: AMIDATION
60 <222> LOCATION: 34
W--> 62 <400> 3
63 Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln

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64 1 5 10 15
65 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
66 20 25 30
67 Thr Ala
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 34
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: mutagen
W--> 78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: 34
80 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
81 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
82 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 84 <400> 4
85 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
86 1 5 10 15
87 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
88 20 25 30
89 Asn Phe
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 35
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: mutagen
W--> 100 <221> NAME/KEY: MOD_RES
101 <222> LOCATION: 35
102 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
103 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
104 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 106 <400> 5
107 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
108 1 5 10 15
109 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
110 20 25 30
111 Asn Phe Val
112 35
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 36
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: mutagen
W--> 122 <221> NAME/KEY: MOD_RES
123 <222> LOCATION: 36
124 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
125 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a

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126 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 128 <400> 6
129 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
130 1 5 10 15
131 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
132 20 25 30
133 Asn Phe Val Ala
134 35
136 <210> SEQ ID NO: 7
137 <211> LENGTH: 37
138 <212> TYPE: PRT
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: mutagen
W--> 144 <221> NAME/KEY: MOD_RES
145 <222> LOCATION: 37
146 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
147 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
148 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 150 <400> 7
151 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
152 1 5 10 15
153 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
154 20 25 30
155 Asn Phe Val Ala Leu
156 35
158 <210> SEQ ID NO: 8
159 <211> LENGTH: 38
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: mutagen
W--> 166 <221> NAME/KEY: MOD_RES
167 <222> LOCATION: 38
168 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
169 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
170 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 172 <400> 8
173 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu Asn
174 1 5 10 15
175 Ser Met Glu Arg Val Glu Trp Leu Arg Lys Lys Leu Gln Asp Val His
176 20 25 30
177 Asn Phe Val Ala Leu Gly
178 35
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 34
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:

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186 <223> OTHER INFORMATION: mutagen
W--> 188 <221> NAME/KEY: MOD_RES
189 <222> LOCATION: 34
190 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
191 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
192 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 194 <400> 9
195 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
196 1 5 10 15
197 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
198 20 25 30
199 Thr Ala
202 <210> SEQ ID NO: 10
203 <211> LENGTH: 35
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: mutagen
W--> 210 <221> NAME/KEY: MOD_RES
211 <222> LOCATION: 35
212 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
213 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
214 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 216 <400> 10
217 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
218 1 5 10 15
219 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
220 20 25 30
221 Thr Ala Glu
222 35
224 <210> SEQ ID NO: 11
225 <211> LENGTH: 36
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: mutagen
W--> 232 <221> NAME/KEY: MOD_RES
233 <222> LOCATION: 36
234 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
235 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
236 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 238 <400> 11
239 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
240 1 5 10 15
241 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
242 20 25 30
243 Thr Ala Glu Ile
244 35
246 <210> SEQ ID NO: 12

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247 <211> LENGTH: 37
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: mutagen
W--> 254 <221> NAME/KEY: MOD_RES
255 <222> LOCATION: 37
256 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
257 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
258 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 260 <400> 12
261 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
262 1 5 10 15
263 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
264 20 25 30
265 Thr Ala Glu Ile Arg
266 35
268 <210> SEQ ID NO: 13
269 <211> LENGTH: 38
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: mutagen
W--> 276 <221> NAME/KEY: MOD_RES
277 <222> LOCATION: 38
278 <223> OTHER INFORMATION: amino acid is attached to R3, which represents OH,
279 NH2, (C1-C30)alkoxy or NH-Y-CH2-Z, where Y is a
280 (C1-C30) hydrocarbon moiety and Z is CO2H or CONH2
W--> 282 <400> 13
283 Ala Val Ser Glu His Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
284 1 5 10 15
285 Asp Leu Arg Arg Arg Phe Phe Leu His His Leu Ile Ala Glu Ile His
286 20 25 30
287 Thr Ala Glu Ile Arg Ala
288 35
290 <210> SEQ ID NO: 14
291 <211> LENGTH: 36
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: mutagen
298 <400> SEQUENCE: 14
299 Ala Val Ser Glu Ile Gln Leu Leu His Asp Lys Gly Lys Ser Ile Gln
300 1 5 10 15
301 Asp Leu Arg Arg Arg Phe Trp Leu His His Leu Ile Ala Glu Ile His
302 20 25 30
303 Thr Ala Glu Ile
304 35
306 <210> SEQ ID NO: 15

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; Xaa Pos. 7,10,17
Seq#:17; Xaa Pos. 8,18,34
Seq#:19; Xaa Pos. 7,10
Seq#:20; Xaa Pos. 7,10
Seq#:22; Xaa Pos. 7,10
Seq#:23; Xaa Pos. 17
Seq#:25; Xaa Pos. 7,11
Seq#:26; Xaa Pos. 7,11
Seq#:27; Xaa Pos. 7,17
Seq#:28; Xaa Pos. 7,17
Seq#:29; Xaa Pos. 8,17
Seq#:30; Xaa Pos. 8,17
Seq#:31; Xaa Pos. 8,17
Seq#:32; Xaa Pos. 8,17
Seq#:33; Xaa Pos. 8,17
Seq#:34; Xaa Pos. 8,17
Seq#:35; Xaa Pos. 8,17
Seq#:36; Xaa Pos. 8,17
Seq#:37; Xaa Pos. 8,17
Seq#:38; Xaa Pos. 8,18
Seq#:39; Xaa Pos. 8,18
Seq#:40; Xaa Pos. 8,18
Seq#:41; Xaa Pos. 8,18
Seq#:42; Xaa Pos. 6,7,10,17
Seq#:43; Xaa Pos. 7,10,17
Seq#:44; Xaa Pos. 7,8,10,17
Seq#:45; Xaa Pos. 7,8
Seq#:46; Xaa Pos. 7,11

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L:59 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:62 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:78 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:84 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:100 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:106 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5
L:122 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:128 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:144 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:150 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:166 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:188 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:194 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:210 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:216 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:232 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:238 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:254 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:260 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12
L:276 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:282 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13
L:330 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:341 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:16
L:342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:357 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:361 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:365 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:368 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:384 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:387 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18
L:403 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:407 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:410 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:426 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:430 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:433 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:20
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:447 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:450 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21
L:464 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:468 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22

Input Set : A:\00537-169002.TXT
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L:471 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22
L:472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:485 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:489 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:492 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:16
L:508 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:511 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24
L:527 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:531 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:534 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:550 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:554 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:557 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:573 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:577 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27
L:580 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:27
L:581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
M:341 Repeated in SeqNo=27
L:596 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:600 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:603 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28
L:604 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:619 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:623 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:626 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:29
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
M:341 Repeated in SeqNo=29
L:642 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:646 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:649 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
M:341 Repeated in SeqNo=30
L:665 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:669 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31
L:672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:688 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:692 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:695 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
M:341 Repeated in SeqNo=32
L:711 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:715 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33
L:718 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33

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L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
M:341 Repeated in SeqNo=33
L:734 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:738 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34
L:741 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:34
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
M:341 Repeated in SeqNo=34
L:757 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:761 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35
L:764 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:35
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
M:341 Repeated in SeqNo=35
L:780 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
M:341 Repeated in SeqNo=36
L:803 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:826 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:849 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39
L:872 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40
L:895 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
M:341 Repeated in SeqNo=41
L:918 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:945 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
M:341 Repeated in SeqNo=43
L:972 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:999 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1020 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1041 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1060 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1079 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1098 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1117 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1136 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

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L:1155 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!